

CQB Series

oxygen plastic magnetic pump

Product Overview

CQB type oxygen plastic magnetic pump applies the principle of modern magnetism and uses permanent magnets. A chemical process pump that realizes non-contact indirect transmission. When the motor drives the outer rotor. When the assembly (that is, the external magnetic steel) rotates, the magnetic field line passes through the isolation sleeve through the action of the magnetic field. The dynamic inner rotor (that is, the inner magnetic steel) assembly rotates synchronously with the impeller, and the medium is completely enclosed in the static. In the isolation sleeve of the stop, so as to achieve the purpose of pumping the medium without leakage, and completely solve the problem. The shaft seal of the mechanical transmission pump leaks, which is a new type of industry that is fully sealed, leak-free and pollution-free, pump. CQB type magnetic pump is to eliminate the phenomenon of running, risking, dripping, and leaking in the chemical process, and eliminate the ring. Environmental pollution, create "leak-free workshops" and "leak-free factories" to achieve safe and civilized life the ideal pump for production.



Operating Condition

- Operating temperature: -20°C~120°C
- Flow: see pump parameters
- Head: see pump parameters
- Highest altitude: 3000m

Applied Range

This product is widely used in petrochemical industry, acid and alkali production, non-ferrous metal refining. Pickling process of automobile manufacturing, rare earth separation, pesticides, dyes, medicine, papermaking, electroplating.

Product Model Description

CQB15-15-65

- Nominal diameter of impeller (mm)
- Export nominal longitude (mm)
- Imported nominal longitude (mm)
- Oxygen Wang material magnetic chemical centrifugal ticket

Design Features

Leak-proof design and working principle

The shaft seal is cancelled and the indirect drive is driven by magnetic coupling, which completely eliminates the drip. Worry, never pollute the use site. Due to the selection of "oxygen plastic compound" for the overcurrent part of the pump. Manufactured by "gold", it can continuously transport corrosive media such as acids, alkalis, and strong oxidants of any concentration without damage. The drive device adopts an active permanent magnet coupling and is directly mounted on the motor shaft, and the pump chamber It is completely enclosed and indirectly drives the impeller to rotate through magnetic coupling. Compact structure, safe section can.

Rugged pump body structure

Although the contact liquid part is oxygen plastic, the pump body and shell are metal materials, so the pump The body is sufficient to withstand the weight of the pipeline and the mechanical impact.

CQB Gas Plastic Magnetic Pump*Performance Parameters*

Model	Capacity (m ³ /h)	Head (m)	Motor Power (kW)	Rotate Speed (r/min)	NPSH (m)	Import (mm)	Export (mm)
CQB15-15-65	0.8	3.2	0.18	2900	6.0	15	15
CQB20-15-75	1.6	7	0.18	2900	6.0	20	15
CQB25-20-100	2.5	10.5	0.37	2900	6.0	25	20
CQB32-20-110	5.5	12.5	0.55	2900	6.0	32	20
CQB32-20-125	3.6	20	0.75	2900	5.0	32	20
CQB40-25-120	6.3	15	0.75	2900	5.0	40	25
CQB40-25-125	6.5	17.5	1.1	2900	3.7	40	40
CQB40-25-160	6.3	32	3	2900	5.0	40	25
CQB50-32-125	12	20	1.5	2900	3.5	50	32
CQB50-32-160	12.5	32	4	2900	3.5	50	32
CQB50-32-200	12.5	50	7.5	2900	3.5	50	32
CQB65-50-125	25	20	4	2900	4	65	50
CQB65-50-150	20	25	4	2900	4	65	50
CQB65-50-160	18	32	4	2900	4	65	50
CQB65-50-180	8	38	5.5	2900	5.5	65	50
CQB65-40-200	25	50	11	2900	4	65	40
CQB80-65-160	50	32	11	2900	4	80	65
CQB80-50-200	50	50	18.5	2900	4	80	50
CQB100-80-160	100	32	22	2900	4	100	80